



NEW!
PSS25

**PACKAGED STANDBY
GENERATOR**

<u>MODEL NUMBER</u>	<u>POWER OUTPUT (60hz)</u>	<u>KW</u>	<u>L.P.GAS</u>			<u>NATURAL GAS</u>		
			<u>KVA</u>	<u>AMPS</u>	<u>KW</u>	<u>KVA</u>	<u>AMPS</u>	
PSS25	120/240V, 1-Phase, 1.0 p.f.	25.0	25.0	104	25.0	25.0	104	
PSS25-4	120/208V, 3-Phase, .8 p.f.	25.0	31.2	87	25.0	31.2	87	
PSS25-17	120/240V, 3-Phase, .8 p.f.	25.0	31.2	75	25.0	31.2	75	
PSS25-18	277/480V, 3-Phase, .8 p.f.	25.0	31.2	38	25.0	31.2	38	

Power Rating – Continuous Standby; Derate 3.5% per 1,000 feet elevation above sea level.

Engine Specifications and Features

The 4 cylinder, overhead valve Ford 1.6 liter engine develops 52 hp at 3600 rpm with a displacement of 97.5 cu.in. The engine is controlled by an electronic governor, maintaining frequency at 60hz +/- .5%.

The engine features include electronic ignition, engine blockheater and a vapor fuel system as standard. A critical grade muffler is installed to reduce engine noise levels. Battery rack and cables, and a battery tender (charger) are also installed in the standard package. A BCI Group 24 650 CCA battery must be purchased separately.

Engine cooling is provided by a unit mount radiator. The engine is equipped with a belt driven pusher type fan.

<u>Fuel Consumption</u>	<u>Full Load</u>	<u>Half Load</u>
LP Gas	4.1 gal/hr	2.6 gal/hr
Natural Gas	375 ft ³ /hr	236 ft ³ /hr

Generator

The generator is a single bearing rotating field generator mounted to the engine flywheel via dual flex drive discs. Three phase generators have 12 lead broad range reconnectable stators; single phase stators are 4 lead. An external voltage regulator maintains proper voltage output, accurate to +/- 1%. The generator features Class H insulation with harmonic distortion of less than 5% at full load.

Telephone interference; The THF (as defined by BS4999 Part 40) is better than 2%. The TIF (as defined by ASA C50.12) is better than 50.

The engine generator combination has the ability to start and operate motors up to 10 hp Code G.

Engine/Generator Control System

- * A solid-state engine control module provides safe dependable engine operation and safety monitoring.
- * Run-Off-Auto is controlled by a panel-mounted toggle switch.
- * A panel-mounted four-light cluster provides the operator a visual reference in case of an engine safety shutdown.
- * A running time meter is provided to allow the operator to track and schedule engine maintenance.

Engine Control Standard Set Up Includes:

- * Start Delay 10 seconds
- * Cool Down Delay 3 minutes
- * Cycle Cranking 5 cycles
- * Overcrank Protection Standard
- * Overspeed Protection Standard
- * Low Oil Pressure Protection Standard
- * High Water Temperature Protection Standard

Options

- * Vapor fuel strainer.
- * LPG liquid withdrawal fuel system.
- * Mainline circuit breaker.
- * Optional automatic transfer switch sold separately. Contact factory for sizes and types available.

Size and Weight

L x W x H (in.)	80 x 34.25 x 43.4
Ship Weight (lbs.)	1494 lbs.

Warranty Information

Generator	1 year
Engine	5 yrs or 3000 hrs

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